FUCES, E.; FRANJKOVIC, Krumoslav, inz. [translator] (Zagreb)

Quality of welding. Zavarivanje 4 no.2:37-42 F '61.

1. "Poljomontaza", Zagreb (for Frnajkovic).

FUCHS, Erik

Thermally caused dimensional changes in current conductors used in vacuum technics. Koh lap 95 no.6:261-263 Je '62.

1. Vasipari Kutato Intezet, Budapest.

FUCHS, Erik, a muszaki tudomanyok kandidatusa

Determination of the lattice distortion of corundum powder by means of X-ray diffraction. Koh lap 96 no.4:150-153 Ap 163.

1. Vasipari Kututo Intezet, Budapest.

FUCHS, Erik, dr.; NEUBAUER, Iren

Lattice distortion determination of polycrystalline materials by X-ray diffraction. Meres automat 12 no.10:307-314 '64.

1. Iron Industry Research Institute, Budapest.

SZANTO, Istvan, a muszaki tudomanyok kandidatusa, tudomanyos fomunkatars; FUCHS, Erik, a muszaki tudomanyok kandidatusa, tudomanyos munkatars

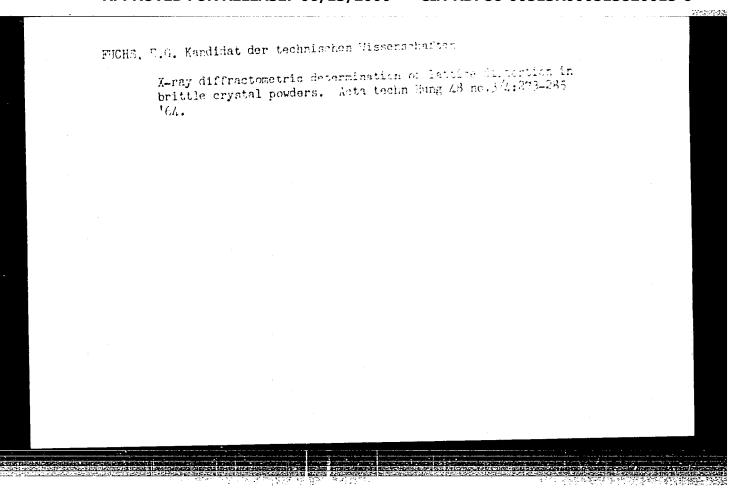
Up-to-date work organization in research institutes of natural science and technology with heterogeneous tasks. Magy tud 71 no.ll:699-704 N $^{1}64$.

1. Research Institute of Technical Physics, Hungarian Academy of Sciences, Budapest (for Szanto). 2. Iron Industry Research Institute, Budapest (for Fuchs).

Chemical composition of FeNi alloys unsed for so-called Dumet wires and their thermal dimensional changes. Acta techn Hung 31 no.3/4: 425.435 '60. (EEAI 10:4)

1. Eisenforschunginstitut, Budapest. (Iron-nickel alloys) (Electron tubes)

Heat-	caused dilatation of of for vacuum engineering	copper-clad in ng. Acta techi	Hung 32 no	.1/2:53-63 '61. (EEAI 10:5)	
1. Ei	senforschunginstitut, (Electric wire) (Iron)	Budapest. (Vacuum) (Nickel)	(Copper)		
			•	•	
			•		



FUCHS, H.

FUCHS, H. Investigation of the frequency of the dimensions of nummulites (Camerinidae). p.466.

Vol. 85, no. 4, Oct./Dec. 1955. FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY. GEOGRAPHY & GEOLOGY Budapest, Hungary

So: East Europeon Accessions, Vol. 5, no. 5, May 1956

Fuchs, H.

Paleodyction from Middle Miocene sediments in Transylvania.
p. 299. FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN
GEOLOGICAL SOCIETY. (Magyar Foldtani Tarsulat) Budapest.
Vol. 86, no. 3, July/Aug. 1956.

Source: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956.

FUCHS, H.

Siren finding from Transylvania. p. 326.

FOLDTANI KOZIONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY.

(Magyar Foldtani Tarsulat) Budapest, Hungary. Vol. 89, No. 3, July/Sept. 1959

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, No. 1, Jan. 1960 Uncl

FUCHS, H., inz. dypl. (Berlin)

Photoelectric compensation, its principles and measuring range. Pomiary 10 no. 1: 29-30 Ja '64.

FUChS, Herman

Study of the ontogenatic development of some species of Pilocene mollusks. Pt. 2. Studia Univ B-B S. Geol-Geog 7 no.1:53.61 '62.

1. "Victor Babes" es a "Bolyai" Tudomanyegyetem, todomanyos ulesszakan.

MIRON, Radu, conf. univ.; NEGREI, Veronica; MANOLIU, Lucia; POLIZU, Lucia; VISA, Eugen; HAIVAS, M.; GLIGOR, I.; FUCHS. I.; ZOIGAN, Voicu; BAGHINA, V., prof.; HADIRCA-BREAZA, I.; IVANESCU-TIRGOVISTE, C.; NEGREA, M.; SPIRIDON, I.; SZABO-PLOIESTI, T.; GRIGORE-PLOIESTI, I., prof; BAZACOV, Gh., prof.; PAUNESCU, Al.; MORARU, I.; SAHAGIA, C.; UDHEA, V., prof. (Galati); NIMITAN, I. (Suceava)

Observations on the Analytic Geometry Manual for the 11th grade. Gaz mat fix 15 no.6:298-321 Je *63.

1. Societatea de Stiinte Matematice si Fizice, Filiala Iasi (for Miron). 2. Societatea de Stiinte Matematice si Fizice, Filiala Craiova (for Negrei, Manoliu, Polizu). 3. Societatea de Stiinte Matematice si Fizice, Filiala Timisoara (for Visa, Haivas, Gligor, Fuchs). 4. Societatea de Stiinte Matematice si Fizice, Subfiliala Petroseni (for Zoican). 5. Societatea de Stiinte Matematice si Fizice, Filiala Ploiesti (for Baghina, Hadirca-Mreaza, Ivanescu-Tirgoviste, Negrea, Spiridon, Azabo-Ploiesti, Grigore-Ploiesti). 6. Societatea de Stiinte Matematice si Fizice, Subfiliala Tg. Severin (for Bazacov, Paunescu, Moraru, Sahagia).

FUCUS, I.

Public debate about Dr. Endre Makai's dissertation. p. 509. Vol 5, no. 4, 1955.

KOZLEMENYEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

FUCHS, Jan; BURSA, Vaclav

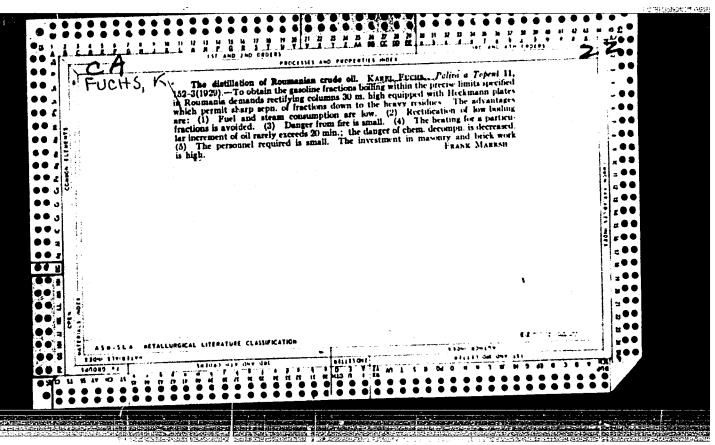
Thirty years of paper container production in Susice. Papir a celulosa 19 no. 1:29-30 Ja '64.

1. Zapadoceske papirny, zavod PAP, Susice.

FUCHS, Jiri, inz.

Problems of using high-strength steel for steel structures. Zvar sbor 10 no.1:89-99 '61.

1. Hutni projekt, Ostrava.



J-8

FucHs, KAROL

POLAND / Chemical Technology. Chemical Products and Their

Application - Treatment of solid mineral fuels

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5847

Author : Fuchs Karol

Inst : Not given

Title : Centermial of the Warsaw Gas Plant

Orig Pub : Koks, smole, gaz, 1957, 2, No 1, 1-3

Abstract : No abstract.

Card 1/1

31921 Z/038/62/000/002/001/004 D286/D303

21.1000 AUTHORS:

Fuchs, Klaus and Hessel, Hans

TITLE:

On the possibilities of operating a breeder reactor

with natural uranium without fuel make-up

PERIODICAL:

Jaderná energie, no. 2, 1962, 37-42

The article proves by neutron-physical calculations that it is generally possible to realize a fast breeder fueled by natural uranium and operating in the state of fuel stability, i.e. at an equilibrium of Pu239 produced from U238 and Pu239 disintegrated by fission. This investigation is made (a) for a heterogeneous reactor where fuel elements are gradually advanced and finally exchanged, and the state of stability is reached by maintaining the reactor critical; and (b) for a homogeneous reactor to which natural uranium is continuously fed and from which the corresponding portion of the homogeneous mixture is removed. This reactor type has a lower fuel utilization than a heterogeneous reactor; however, the mat-

Card 1/2

Z/056/62/019/001/008/012 1037/1237

AUTHOR:

Fuchs, K.

TITLE:

Immersion quenching of camshafts

PERIODICAL:

Přehled technické a hispodářské literatury. Hutnictví a strojírenství, v. 19, no. 1, 1962, 35

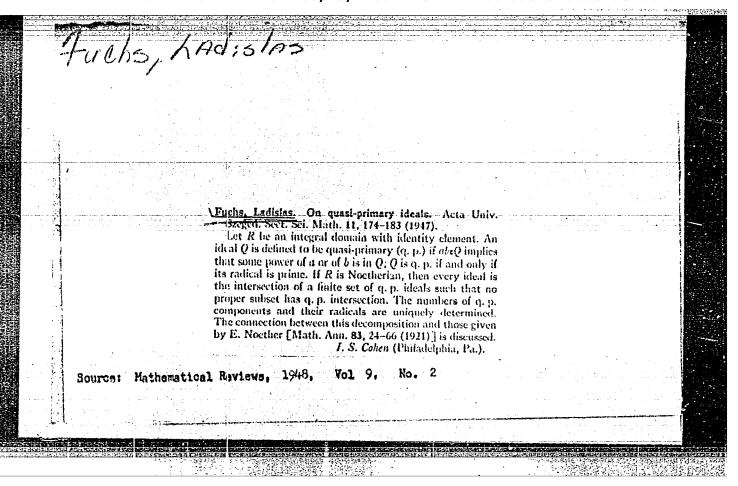
TEXT: Description of successful carrying out of immersion quenching of camshafts made of steel CK 45. The camshafts prepared from normalized incandesced steel are heated in a salt bath to an elevated quenching temperature for only 60 seconds. The annealed camshafts have merely a 3 mm thick quenched layer of a hardness of 55-61 HRc. 60 work minutes were saved on one camshaft as compared with that obtained by the powder process. There are 6 photos, 3 microphotos, 1 drawing, 2 diagrams, 2 tables and 2 references.

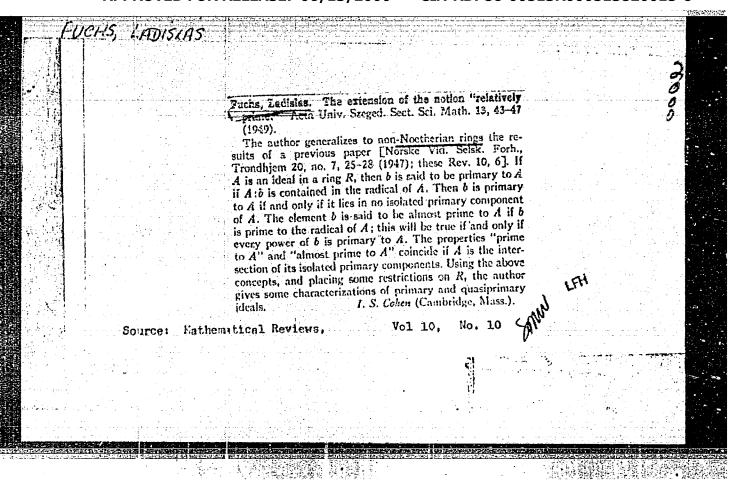
HS 62-426.

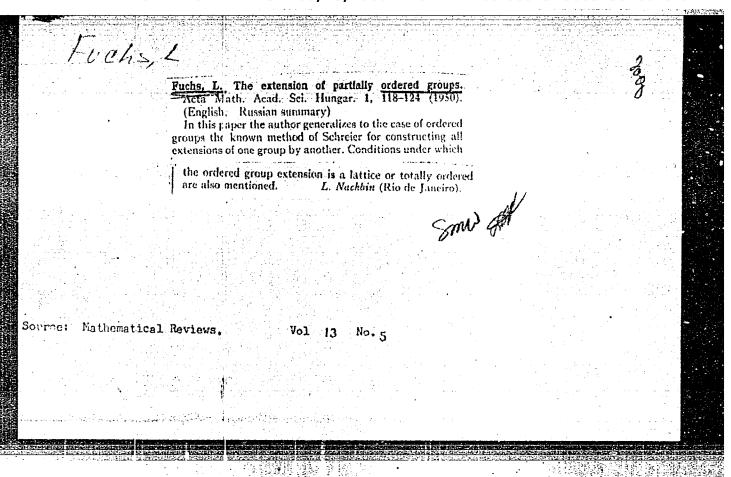
1961 III Maschinenbau, Leipzig 10, no. 3, 106-107

[Abstracter's note: Complete translation.]

Card 1/1







having min mai Yeals. Publ. Math. Debrecon 1, 227-231 (1950).

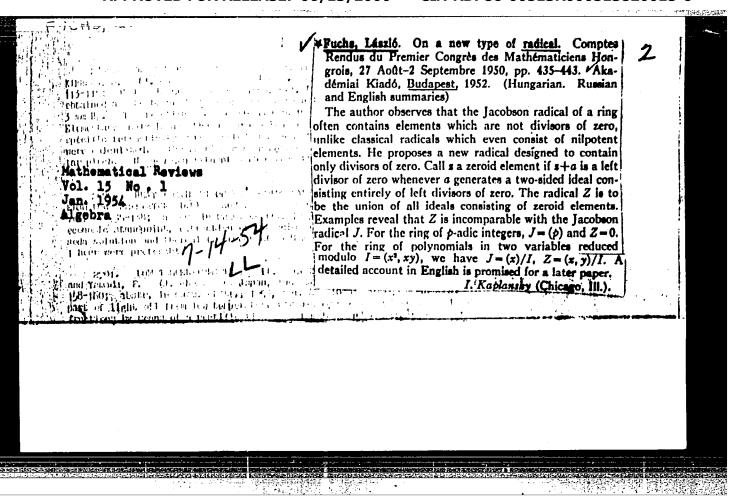
This paper is concerned vith semi-groups admitting relative inverses in the sense that if a belongs to such a semi-group S, then there exist elements e, a' in S such that ea = as = a, and aa' = a'a = e [cf. Clifford, Ann. of Math. (2) 42, 1037-1049 (1941); these Rev. 3, 199]. Two elements a, b of S belong to the same class C_* if aS = bS. The class C_* is a semi-group with the following structure. It is the sum of disjoint groups G_* trese groups being isomorphic to a group G under an isomorphism $x \rightarrow x_*$. Multiplication in C_* is then defined by $x_*y_* = (x_*)_*$. Analogous results hold for the classes D_* defined by the relation Sa = Sb. The restriction is then made that S contains a minimal left ideal. It then follows

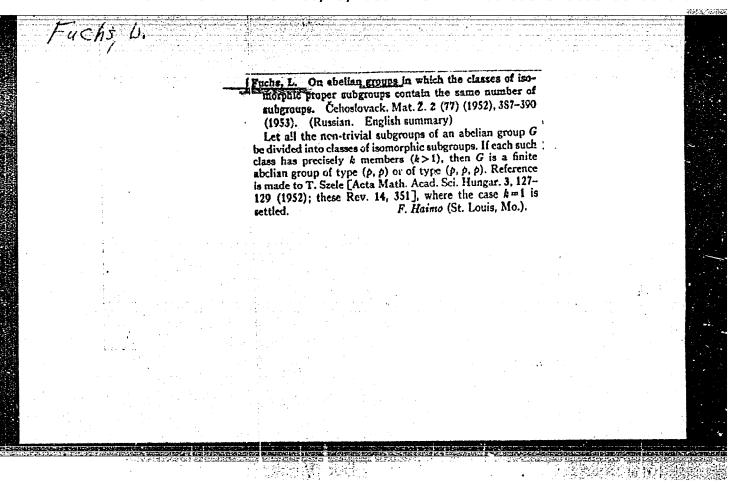
that it also contains minimal right ideals. Further, the union of all minimal left ideals coincides with the union of all minimal right ideals and this union is a semi-group having a similar structure to that termed the kernel in the case where S is finite [Suschkewitsch, Math. Ann. 99, 30-50 (1928)]. The author next defines the rank of a principal right ideal as follows. If the ideal is minimal, it has rank 1. The rank is n i every principal right ideal properly contained in it has rank n-1 or less, and there is at least one principal ideal properly contained in it of rank n-1. It is then shown that if aS has rank n, then the left ideal Sa also has rank n (the rank of a left ideal being similarly defined. Starting with a right ideal of rank n, the left ideals generated by generators of this ideal then have as their union a semi-group of similar structure to that of the Suschkewitsch, kernel. D. Rees (Cambridge, England).

Source: Mathematical Reviews.

Vol 12 No.

	Tuchs, L. On mean systems. Acta Math. Aca Hungar. 1, 303-320 (1950). (English. Ruesian mary) The discussion by Kolmogoroff [Atti Accad. Naz. Rend. Cl. Sci. Fis. Mat. Nat. (6) 12, 388-391 (1930). Sagumo [Jap. J. Math. 7, 71-79 (1930)] of necessal sufficient conditions in order that a sequence of mean functions M. be quasi-arithmetic.	Lincei. 1) and
The Control of the Co	$M_n(x_1, \dots, x_n) = f^{-1} \left[\frac{f(x_1) + \dots + f(x_n)}{n} \right]$, has subsequently been extended by many authors in a directions. The author now gives a further algebraic stration, defining operations having properties of mean in completely ordered systems; in particular, the no bruic postulate of continuity is here replaced by an median axion. E. F. Beckenbach (Los Angeles, Cal	eneral values malge -
jource! M. then	atical Reviews, Vol 13 No. 19	(M) pt



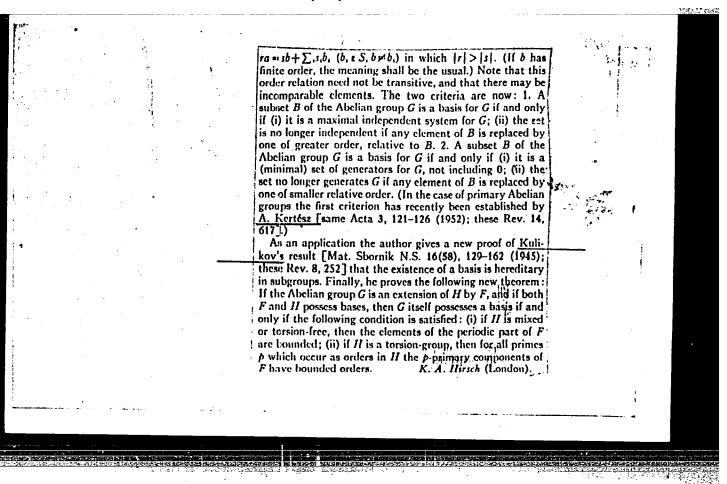


Handton's Kay Vol. 14 No. 7 July-Aug. 1953 Algebra

Fuchi, IV On Subdirect unions. I. Acta Math. Road. Sci. Hungar. 3, 103-120 (1952). (Russian summary) Let A and B be two algebraic structures (in the sense of Bourbaki, i.e., with binary operations only) of the same type (i.e., with the same operations, rules, and, possibly, operator domains). The author wishes to construct all structures G which are subdirect unions of A and B. For this purpose it is obviously sufficient that some homomorphic image of A is isomorphic to some homomorphic image of B. For then G can be taken as the set of all those pairs (a, b) with a A, b B in which it and b belong to residue-classes (modulo the respetive kernels of the homomorphisms) shich correspond to each other in the given isomorphism and where the operations on pairs are performed component-wise. The author shows that in the cases of groups, rings, Boolean algebras, etc. (more generally in all structures in which homomorphisms are uniquely determined by the set of elements mapped on the neutral element) this sufficient condition is also necessary: one obtains all subdirect unions of A and B by choosing suitable substructures Apand Bo with a definite isomorphism A/Ap B/Bo. Simple examples, such as cyclic or quasi-cyclic p-groups, red the general discussion.

. K. A. Mirach.

Mathematical Reviews Vol. 14 No. 10 Nov. 1953 Algebra	Fuchs, L. The direct sum of cyclic groups. Acta Math. Acad. Sci. Hungar. 3, 177-195 (1952). (Ribsian summary) The author develops new criteria for an Abelian group to possess a basis, i.e., to be the (restricted) direct sum of cyclic groups. These are based on the new concept of the "relative" order of two elements of a group. Let G be an additively written Abelian group and a, b two of its elements of infinite order. Let S be a linearly independent set of elements of G which includes b. Then the phrase "a is of greater order than b, relative to S" shall mean that there exists a relation
	6-23-54, LL



FUCHS, L.,

Fuchs, L., and Szele, T. Contribution to the theory of semisimple rings.

Acta Math. Acad. Sci. Hungar. 3, 233-239 (1952). (Russian summary).

In this paper, a ring R is called semisimple if R has no non-zero nilpotent left ideals and satisfies the minimum condition on left ideals. Generalizing a classical theorem of Wedderburn and Artin, the authors show that R is semisimple if and only if every left ideal of R has a right unit, or equivalently every left ideal is generated by:an idempotent. The sufficiency is proved by showing that R is a direct sum of a finite number of minimal (non-nilpotent) left ideals (which are total matric algebras over skew fields; cf., e.g., Artin, Nesbitt, and Thrall, Rings with minimum condition, Univ. Michigan Publ. Math. no. 1, 1944, chapters 4 and 5; these Rev. 6, 33).

They also show that every left ideal of R has a left unit if and only if R is a direct sum of skew fields. Every subring of R has a left unit if and only if R is a direct sum of a finite number of fields F_i , each of which is an algebraic extension of the field of integers modulo some prime p_i . An interesting corollary is that every subring of a skew field F is a field if and only if F is an algebraic extension of the field of integers modulo some prime p. (A minor error occurs in the proof of Lemma 2; M_2 should be described as a left ideal of R which is a maximal left ideal of M_1 .)

M. Henriksen (Lafayette, Ind.).

SO: Mathematical Review, Vol 14, No. 8, Sept. 1953, pp. 713-830.

(1)····· 的复数管 智能 動物學:

2110 H X 7		
$G_{\mathcal{O}} \cap \mathcal{O}_{\mathcal{O}} \wedge$		
	보는 사람이 많은 아이들의 결혼을 보고 있다. 이 나는 그리고 그는 그 가입니다. 그	2
		0
	19、李海姆大学的《大学·斯·克尔斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯	9
* * .	그 사람들 하게 그는 사람 그들은 화생을 생겼다. 하는 물네 그렇게 나는 사람들은 모든 모든 모든 모든	
	and the street of the control of the	
		in the second
	and the second of the second o	
	المنظمة المنظمة المنظمة المنظمة	
مستورا بمعاشوم كالمكتورية المقدودة. عدر مدم الماري المستورية المعاردة الم	Puchs, L. A remark on the Jacobson radical. Acta Sci.	
	Math. Szeged 14, 167-168 (1952).	
	ARC FROM OUT OF A PRODUCT OF THE PRO	
	The radical of a ring R with left unit is the analog of the P-subgroup in group theory; the set of all elements is K which may be emitted transcent.	
	which may be omitted from each generating system of the right R-module R. P. Zelingha (1).	!
	right P model to	:
•	right R-module R. P. Zelinsky (Evanston, III)	
	· State of the sta	
ourse: Mathe	Constitution of the second	
CARAGE STATE	matical Reviews. Vol 13 No. 10	· · · · · · · · · · · · · · · · · · ·
	10	en e
nd (Strikk de Francisco)		
THE REAL PROPERTY.		
	그 그 그 그는 그는 그는 그는 그런 하게 된 살했다. 그 경우하는 그는	

<u> 1989 (1882)</u>

_ FUCHALANGUE				and an appropriate to the second	. ##. ** **
	* •				•
		V		1 math	
Mathematical Reviews Vol. 15 No. 3 March 1954 Analysis	M Ti pape	aing mean values lat. Fiz. Oszt. Közle his paper is a shorte	abraic aystema in what is defined. Magy ményei 3, 27–35 (1933 ened Hungarian versi Acta Math. Acad. (Rev. 13, 922).	ar ud. Akad. b). (Hungarian) on of a previous	2
Analysis 7-13-31		* * * * * * * * * * * * * * * * * * * *	******	2.12/000,	•
					i
)	• 	•	
and the second s					
		and the second of the second o	to the Colonian and the Colonian pro-	Control of Market Mr. Control on the Control	
		•			
		<u>'</u> &			
					•

L. FUCHS.

"The direct sum of cyclic groups." p. 177. (ACTA NATHEMATICA ACADEMIA: SCHENTIARUM HUNGARICAE, Vol. 3, No. 3, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

L. FUCHS, T. SZELE.

"Contribution to the theory of semisimple rings." p. 233. (ACTA MATHEMATICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 3, No. 3, 1953, Budapest, Hungary)

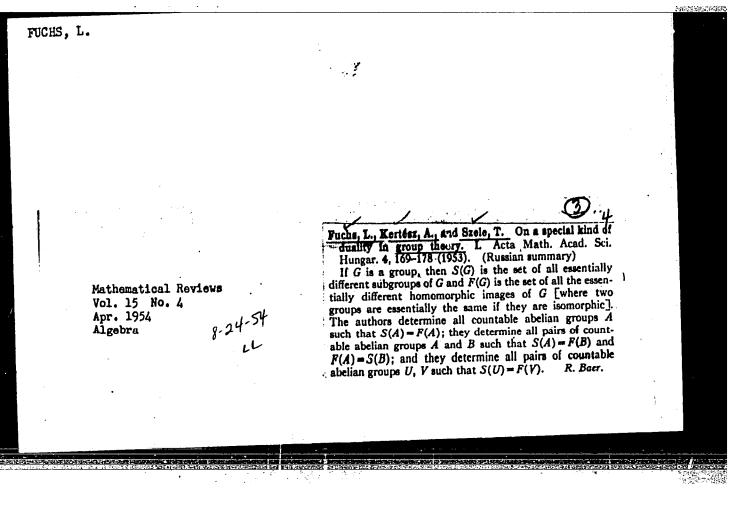
SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

"Development of algebra in the light of algebraic research in Humary."

Kozlemenyei, Pudapeat, Vol 3, No 3, 1953, p. 321

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"



"Soviet Results in the Field of Abstract Algebra." p. 92, (MATEMATIKAI LAPOK, Vol. 4, no. 2/3, 1953, Budapest, Hungary)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

FUCHS, L.

"On the structure of Abelianp-groups." In English.

Acta Pathenatica, Rudepest, Vol 4, No 3/4, 1953, p. 267

So: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

FIGHS, L.

"On a special kind of duality in group theory. I"." In English.
Acta Mathematica, Mudagest, Vol A, No 3/A, 1953, p. 299

SO: E stern Europeun Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

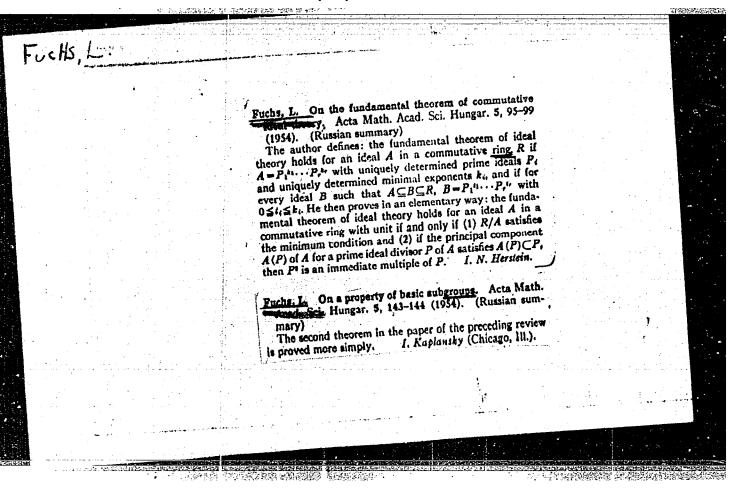
FUCHS, L.

"Main thesis of the ideal theory."

Kozlemenyei, Budtpest, Vol 4, No 1, 1954, p. 37

So: Fastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

So: Fastern Furopean Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

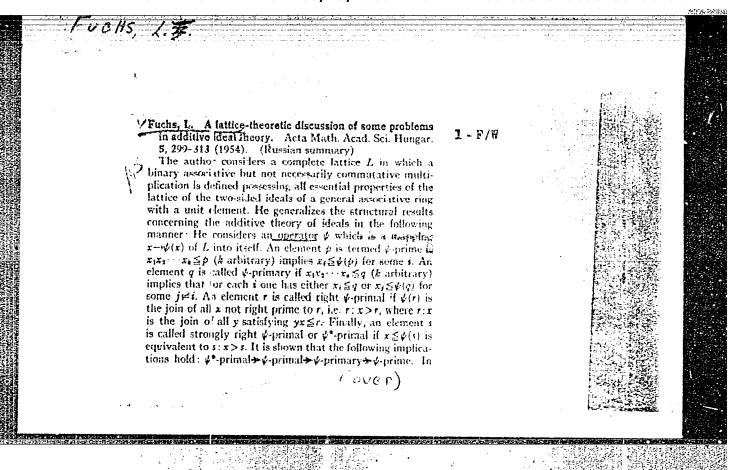


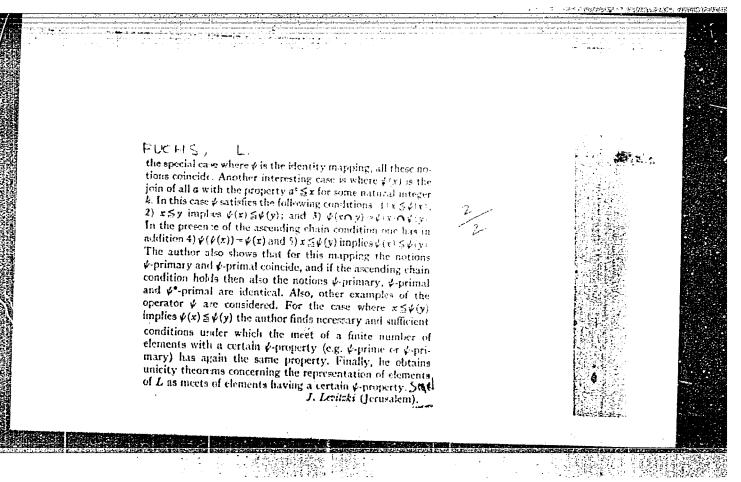
FUCHS, L.: SZELE,T.

Abeliean groups with a single maximum subgroup. p. 287. Vol 5, no. 4, 1955 KOZLETENYEI. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1 56

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"



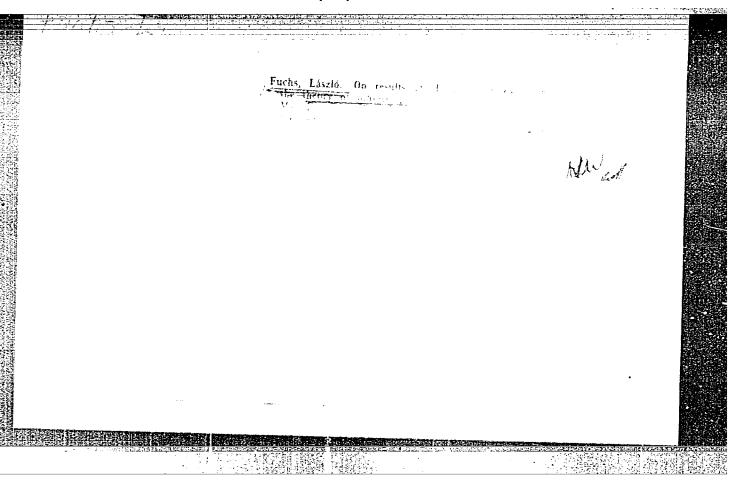


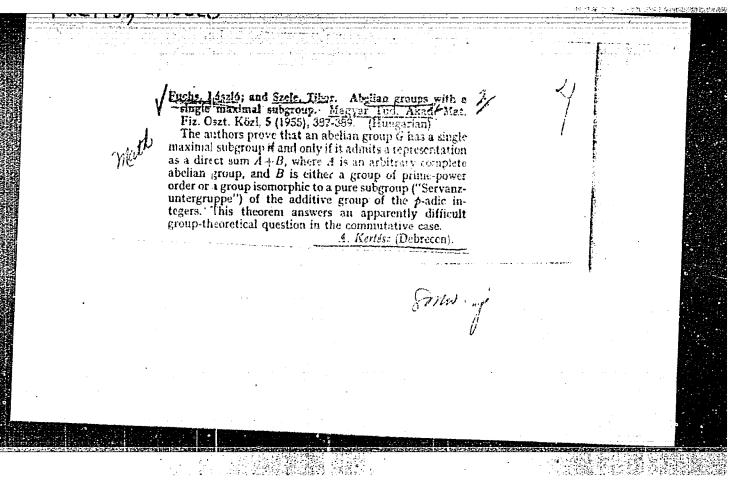
FUCHS, L.

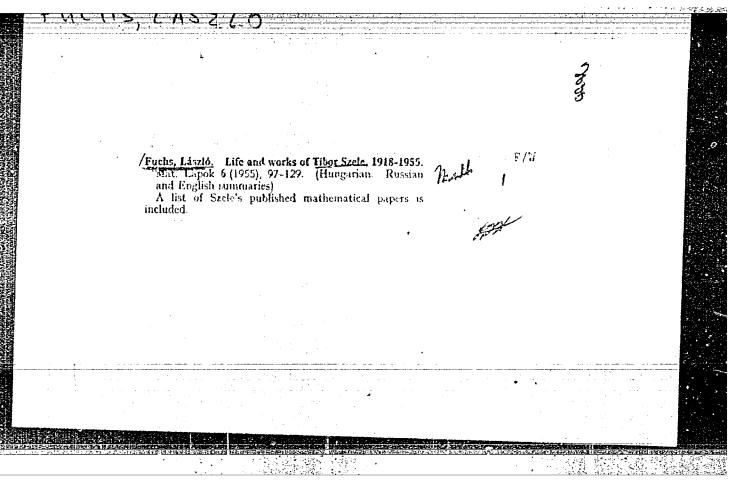
Results obtained by Hungarian scientists with the theory of finite groups. p. 315. KOZLEMENYEI. Budapest. Vol. 5, no. 3, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"



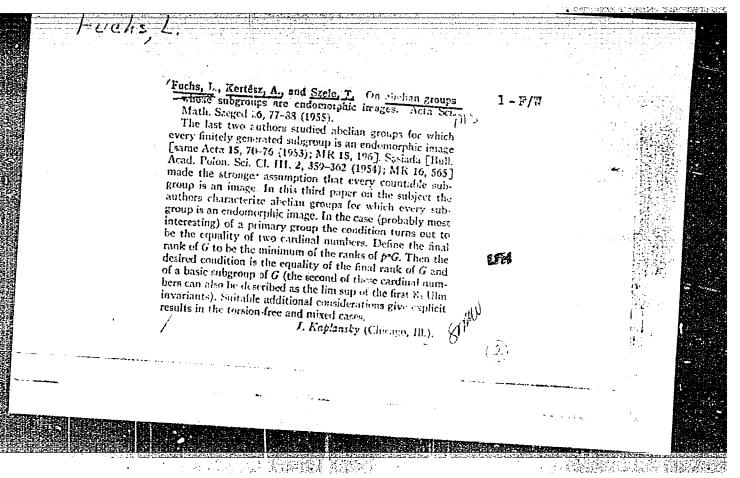


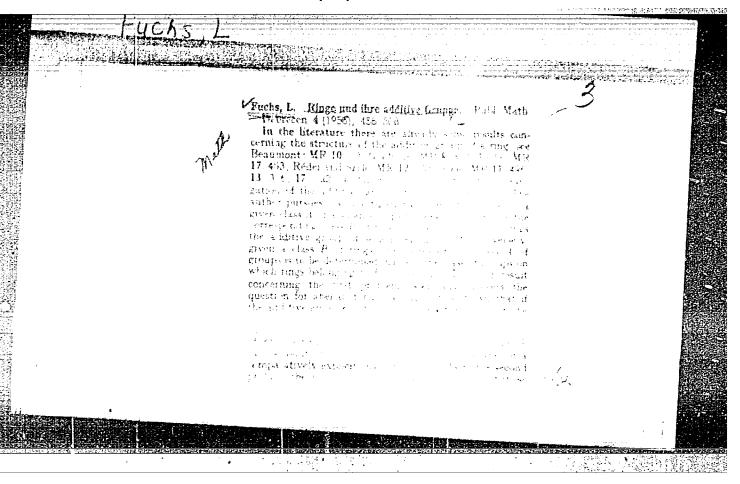


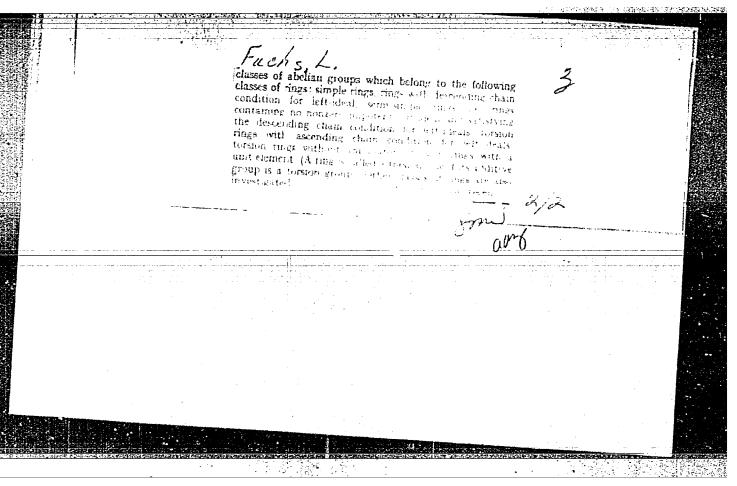
FUCH, L.

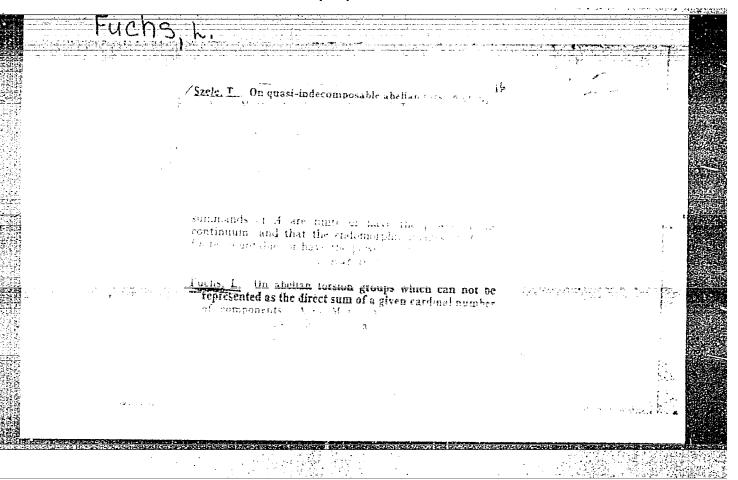
Laszlo Redei's Algebra I; a book review. p. 288. MATEMATIKAI LAPOK. Budapest. Vol. 6, no. 2/3, 1955.

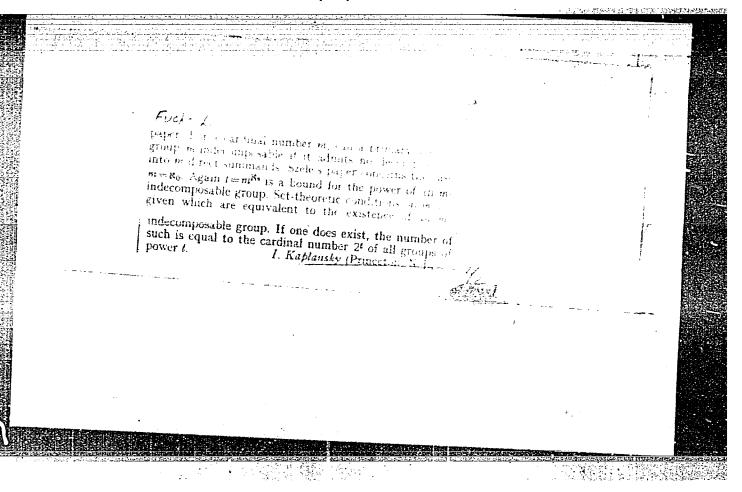
SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

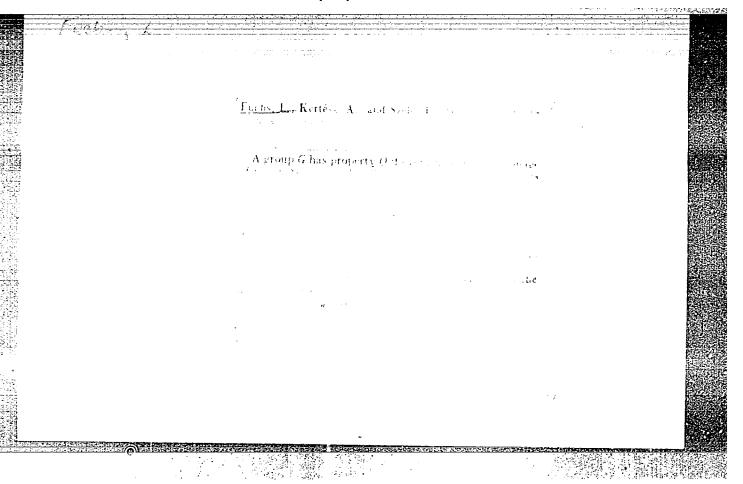


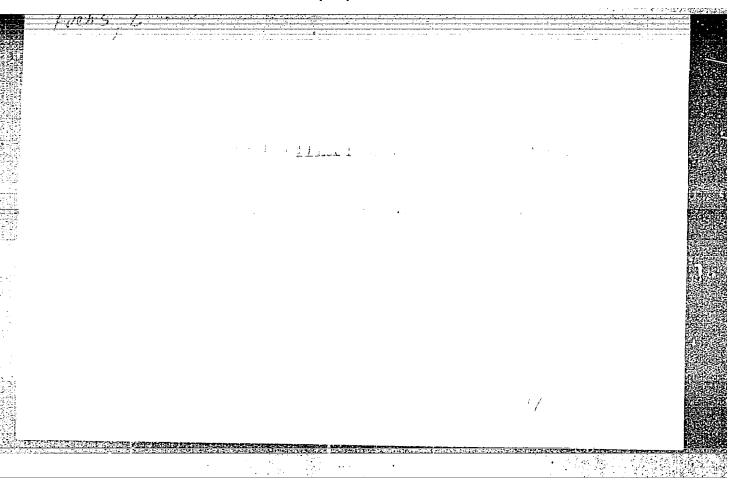


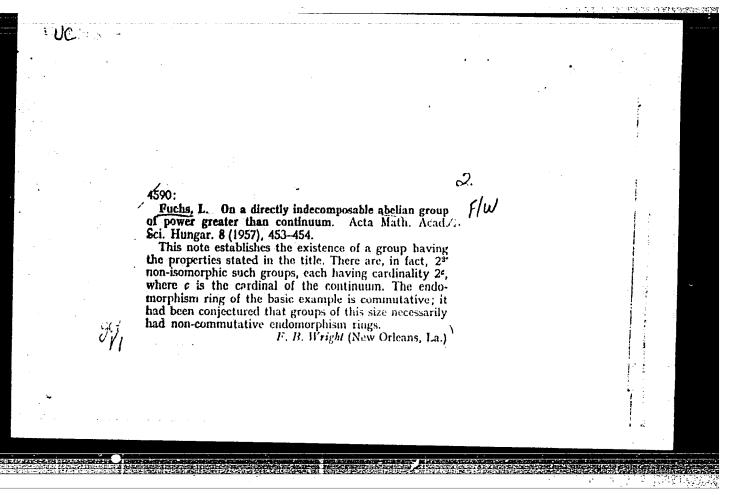


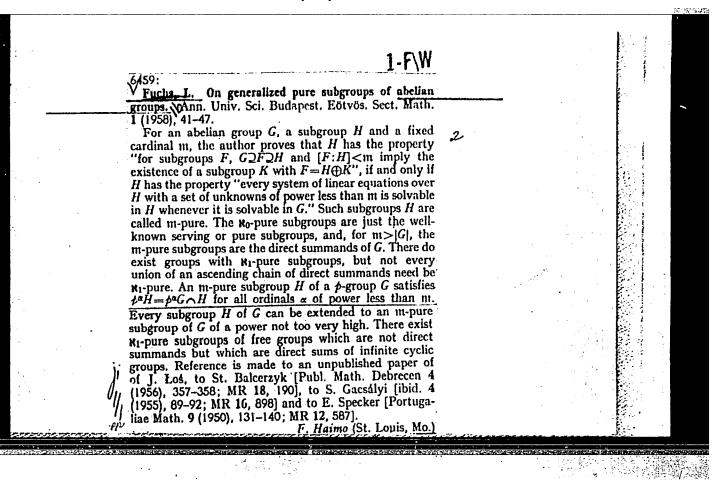


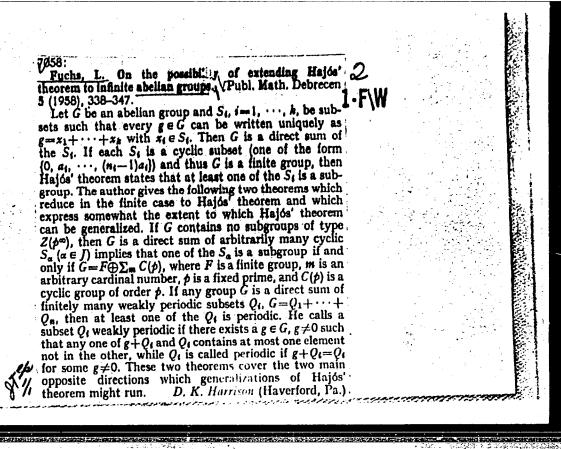












The existence of indecomposable abelian groups of arbitary power.

In English. Acta mat.Hung. no. 7/4:453-457 159. (ERAI 9:5)

(Abelian groups)

EUCHS. L.

Note on ordered groups and rings. In English. p. 107.

FUNDAMENTA MITHEMATICAE. (Polska Akademia Nauk) Murscawa, Poland. Vol. 46, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

Notes on Abelian groups II. Acta mat Hung 11 no.1/2:117-125 '60.
(EEAI 9:12)

1. Presented by L.Redei.
(Abelian groups)

HAJOS, Gyorgy; SURANYI, Janos; FUCHS, Laszlo; ACZEL, Janos; KALMAR, Laszlo; (Steged) SZOKEFALVI-NAGY, Bela (Szeged)

Report on the 5th regular meeting arranged by the Janos Bolyai Mathematical Society. Mat lapok 12 no.1/2:127-144 '61

1. President, Janos Bolyai Mathematical Society, and Editor, "Matematikai Lapok" (for Hajos). 2. Secretary General, Janos Bolyai Mathematical Society (for Suranyi). 3. Editor, "Matematikai Lapok" (for Aczel).

	Note on fully o	ordered semigroups. Acta mat Hung 12 no. 1/2:255-259 (ERAI 10:9)
	1. Presented by	y L. Redei.
		(Groups, Theory of)
	•	
* · ·		

FUCHS, L. (Budapest)

On the ordering of quotient ings and quotient semigroups. Acta math Szeged 22 no.1/2:42-45 '61.

1. Submitted December 15, 1960.

HOSSZU, Miklos, dr.; REDEI, Laszlo; FUCHS, Laszlo; ACZEL, Janos

Interpretation of functional equations by means of algebraic systems.

I. Mat kozl MTA 12 no.4:303-315 62.

FUCHS, L.

Note on factor groups in complete cirect sums. Bul Ac Pol mat 11 no.2:39-40 '63.

1. Department of Mathematics, University, Budapest. Presented by E. Marczewski.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

CSASZAR, Akos; FRIED, Ervin; FUCHS, Laszlo; HAJOS, Gyorry; RENYI, Alfred; TURAN, Pal

Report on the 1962 Miklos Schweitzer Memorial Contest on Mathematics. Mat lapok 14 no. 3/4:346-371 163.

1. Editorial board member, "Matematikai Lapok" (for Hajos and Renyi). 2. Managing editor, "Matematikai Lapok" (for Turan).

CSASZAR, Akos; FUCHS, Laszlo; HAJOS, Gyorgy; RENYI, Alfred; TURAN, Pal; VARGA, Otto

Report on awarding the 1963 Geza Grunwald Memorial Prizes in mathematics. Mat lapok 15 no.1/3:247-251 '64.

1. Managing Editor, "Mathematikai Lapok" (for Turan). 2. Editor, "Mathematikai Lapok" (for Hajos and Renyi).

FUCHS, L. (Budapest)

On group homomorphic images of partially ordered semi-groups. Acts math Szeged 25 no.1/2:139-142 '64.

1. Submitted January 3, 1963.

FUCHS, L.; HALPERIN, I.

On the imbedding of a regular ring in a regular ring with identity. Fund math 54 no.3:285-290 '64.

1. University, Budapest (for Fuchs). 2. Queen's University, Kingston, Canada, and University of Paris, France (for Halperin).

FUCHS, Micczyslaw

Ssymon Syrenski-Simon Syrennius Sacranus; from the history of Polish stomatology. Csas.stomat. 8 no.4:133-138 Apr '55.

1. Z Zakladu Stomatologii Zachowawczej A.M. w Lodzi. Kierownik: doc.dr M. Fuchs. Lodz. Mawrot. 4 m.6.
(BIOGRAPHIES

Szymon Syrenski - Simon Syrennius Sacranus) (STOMATOLOGY, history)

im Poland, Szymon Syronski)

(DENTISTRY.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

FUCHS, Mieczyslaw; JANCZUK, Zbigniew

Studies on clinical use of fluorescence in the diagnosis of the oral mucosa. Polski tygod. lek. 17 no.26:1034-1037 11 Je !62.

1. Z Zakladu Stomatologii Zachowawczej AM w Lodzi; kierownik: prof. dr Mieczyslaw Fuchs.

(MOUTH dis) (FLUORESCENCE)

	10 5 1 page 新新型管理器
WERRATH STREET CARROLL STREET	FUCHS, N. A.

FUCHS, C.

"Gigantic machinery in a large modern forge." Technicka Praca, Fratislava, Vol. 6, No. 1, Jan 1954, p.9.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

FUCHS, O.

"Calculation of machine parts exposed to alternating stresses." Technicka Fraca, Bratislava, Vol. 6, No. 1, Jan. 1954, p. 24.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513820015-6

Application of complex borohydridgs in organic syntheses.

Janos Kolionisch, Ortick Fliebs, Valeria Cabor, and Jend

Galanias (Dydyreirepair Nutation Integer, Bandgers).

Verylperi Kuidis Integer, Bidendersys 4, 147-201 (1841).

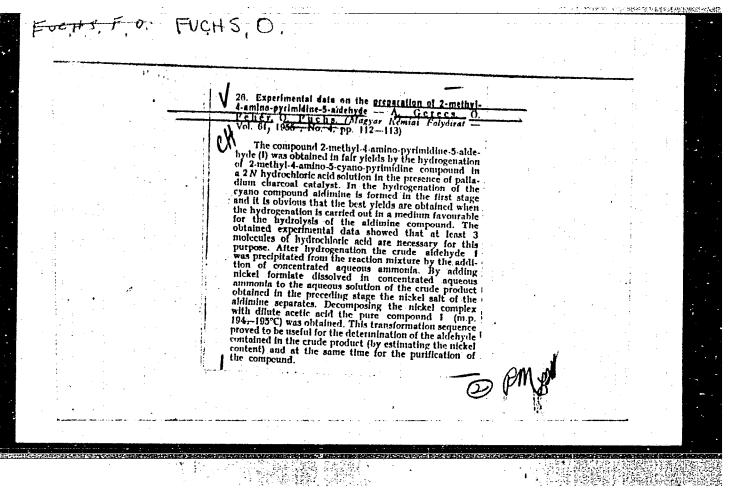
It was observed that LiBri, is stable at low temp, 19-2 hrs.
at 10°). Its BiGil solan was peeped by cooling with as low.
east mint, separate solans. of NaBri, and LiCl in EtOH, mixing the two solars, and filtering off the NaCl. This yola, was lound suitable for reducing tetrages and suitable grade and incherge in a similar manner. They were sound suitable for the selective reduction of various compds., both org. and horg. They are sheep and relatively casy to prepare. Na methorybordyride (cf. Brown, et al., C.A.

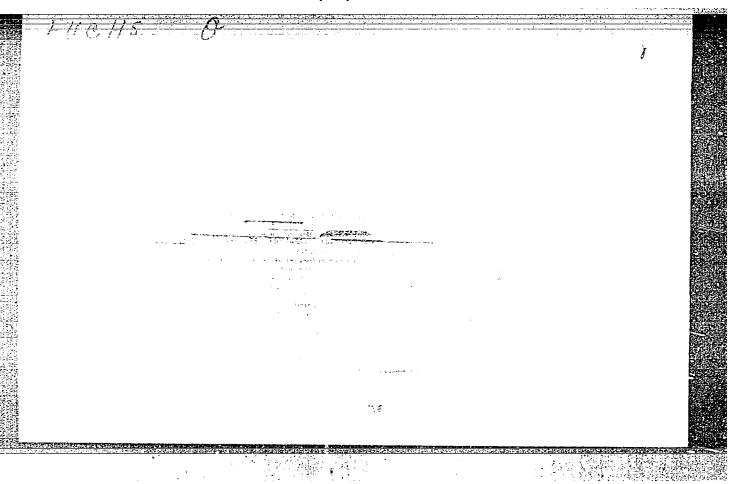
47, 371-381 was found suitable for the selective reduction of addehydes, bettones, and ack chlorides.

Distr: 4E4,1/4E31/4E20(1)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000513820015-6





1

FUCHS, Oszhar

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

: Miklos Kraut, Lajos Toldy, Endre Kasztreiner, Oszhar Fuchs, Laszlo Vargha. Author

Inst

: Study in Region of Antihistamine Preparations. Title

I. Preparation of Substituted Amines and Their Reduction with LiAlH

Orig Pub: Magyar kem. folyoirat, 1957, 63, No 1, 1-5.

Abstract: With a view to study the physiological activity,

RR'NCH₂CON(CH₃)₂-s, in which R' = α -pyridyl, R = C6H₅CH₂ (I), R = n-CH₃OC6H₄CH₂(II), R = n-

Card 1/7

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry. G Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: ClC6H₄CH₂ (III), were prepared by the condensation of corresponding RR'NH, in which R' = \(\times \)-pyridyl, R = C6H₅CH₂ (IV), R = n-CH₃OC6H₄CH₂ (V), and R = n-ClC6H₄CH₂ (VI), with N-dimethylamide of chloroacetic acid (VII). Dimethylamide of 2-phenyl-2-(\(\times \)-pyridyl)-propionic acid (IX) was prepared by the condensation of 2-benzylpyridine (VIII) with VII in the presence of NaNH₂. The preparation of 1-phenyl-1-(\(\times \)-pyridyl)-3-dimethylaminopropanone-2 (XI) by the condensation of 2-BrC₅H₄N with C6H₅CH₂COCH₂N(CH₃)₂ (X) did not succeed. I, II, III and IX were reduced with LiAlH₄ to R'RCHCH₂CH₂N(CH₃)₂, where R' = \(\times \)-pyridyl, R = = C6H₅CH₂ (XIII), R = n-CH₃OC6H₄CH₂ (XIII), R =

Card 2/7

31

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry. G Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: = n-ClC6H4CH2 (XIV), and R = C6H5 (XV). 0.4 mole of IV in 1080 ml of absolute toluene is added to 0.85 mole of 77%-ual NaNH2 in 136 ml of absolute toluene in the duration of 2 hours, after that 0.8 mole of VII is added and, after aging (4 hours, 35°), the mixture is filtered and the residue is triturated with 60 ml of absolute alcohol, I is obtained, yield 22.2% melting point 99 to 101° (from absolute alcohol). II and III are prepared similarly of V and VI correspondingly (the amounts of NaNH2 in moles, the amounts of toluene in ml, the amounts of V or VI in moles, the amounts of toluene in ml, the amounts of VII in moles, the

Card 3/7

HUNGARY / Organic Chemistry Synthetic Organic Chemistry G APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6' Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: aging duration in minutes at the temperature in °C, the yield in % and the melting points in °C are enumerated in the following): 0.185, 30, 9.085, 420, 0.17, 60, 35, 12.4, 119 to 120 (from acetone); 0.093, 11, 0.034, 160, 0.68, 70, 35, 25.2, 158 (from absolute alcohol). 0.206 mole of IV is added to 0.27 mole of 77%-ual NaNH2 in 65 ml of absolute toluene at 60°, the mixture is kept 2 hours at 100° until the separation of NH3 discontinues, then 0.288 mole of VII is added at 70°, and 5 hours later (at 100 to 150°) 60 ml of water is added for the elimination of IV (1 g). The mixture is washed with 5 n. HCl and acid extracts are extracted with ether for the separation of IV (20 g). The residue is alkalized, the resin is separated with 50 ml of CHCl3, and 15 g of NaOH is added too; 7 g

Card 4/7

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry. OAbs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: of Na salt of N-benzyl-N-(2-pyridyl)-glycine precipitates, melting point 2960 (from alcohol).

0.242 mole of VIII is added to NaNH2 in liquid NH3, 2 hours later 0.3 mole of VII in 200 ml of absolute ether is added, 1 hour after it 200 ml of water is added and IX is extracted with ether, yield 43%, boiling point 180 to 1850/0.5 mm, melting point 95 to 960 (ether + petroleum ether).

XII, XIII, XIV and XV were prepared reducing I, II, III and IX correspondingly with LiAlH4 (the duration of boiling, the yield in %% and the boiling points in 0c are enumerated in the following): 24, 50, 185 to 195/1.7 mm, hydrochloride, melting

Card 5/7

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry. G Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: point 187 to 188°; 20, 50, 185 to 190/2 mm, picrate, melting point 165 to 167° (dissociates); 5, 70, 154 to 155/0.2 mm, hydrochloride, melting point 172 to 174°; 20, 63.5, 142 to 145/3 to 4 mm, oxalate, melting point 151 to 152°. 0.385 mole of benzyl-cyanide and 0.385 mole of ethyl ester of VII are added to sodium alcoholate (8.85 g of Na and 110 ml of absolute alcohol) and after 3 hours of boiling, 400 ml of water is added first, and after that, 40 ml of glacial CH3COOH is added; C6H5CH((CN)COCH2N(CH3)2 (XVI) is obtained, yield 72%, melting point 237 to 238° (dissociates, from alcohol). 33.15 g of X is obtained by the action of 28 ml of concentrated H2SO4 and 50 ml of water on 50 g of XVI (2.5 hours at 120 to 127°) with a following addition of 90 ml of 50%-ual KOH, yield

Card 6/7

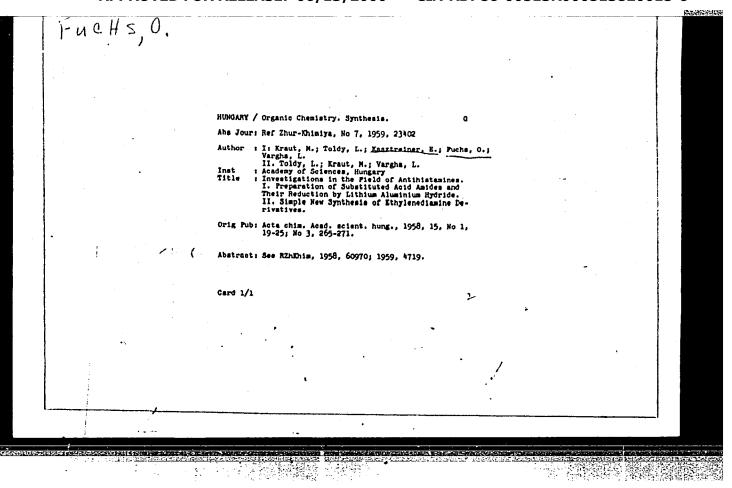
33

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6

HUNGARY / Organic Chemistry. Synthetic Organic Chemistry. G Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60970.

Abstract: 75.5%, boiling point 91 to 95°/3 mm; oxalate, melting point 144 to 146°; semicarbazone, melting point 223° (dissociates). 59.7 go of VIII is added to phenyllithium (4.98 g and 56.7 g of bromobenzene) in 180 ml of absolute ether. Half an hour later 15.15 g of VII is added, the mixture is boiled 4 hours, 300 ml of water is added, and after extraction with ether, 25.1 g of VIII, boiling point 170°/5 to 6 mm, is distilled off; the residue is treated with 200 ml of 1.5 n. HCl and 35.23 g of XI is obtained after alkalization; oxalate, melting point 176 to 177° (dissociates).

Card:7/7



```
HAJOS, Andor (Budapest); FUCHS, Osskar (Budapest)

Application of complexes of metal hydrides in pharmaceutical chemistry.
I. Selective reduction of steroid ketones by calcium boron hydride.

Kem.tud.kozl.MTA 12 no.3:279-283 *59. (ERAI 9:4)

1. Gyogyeseripari Kutate Intezet, Budapest.
(Chemistry, Medical and Pharmaceutical) (Complex compounds)
(Steroids) (Istones) (Calcium borohydrides)
(Metals) (Hydrides)
```

HAJOS, Andor (Budapest); FUCHS, Osskar (Budapest)

Application of metal hydride in pharmaceutical chemistry. I. Selective reduction of steroid ketones with calcium boron hydride. In German. Acta chimica Hung. 21 no.2:137-142 '59. (ERAI 9:4)

1. Research Institute of Pharmaceutical Industry, Budapest.
(Metals) (Hydrides) (Complex compounds) (Chemistry, Medical and pharmaceutical) (Reduction) (Calcium borohydrides) (Metones)
(Steroids)

HAJOS, Andor (Budapest VII Rottenbiller u.26); FUCHS, Oszkar (Budapest VII, Rottenbiller u.26)

Studies in the field of chloramphenicol. X. Production of chloramphenicol from $L_s(+)$ -threo- β -p-nitrophenilserine-n-butylester. Acta chimica Hung 24 no.48411-419 °60. (EEAI 10:4)

1. Research Institute of the Pharmaceutical Industry, Budapest.
(Chloramphenicol) (Nitrophenylserine) (Butyl group)
(Esters) (Calcium borohydrides) (Sodium cyanide)
(Hydrolysis)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

DOBROWOLSKA, Halina; przy wspolpracy techn.: FUCHS, R.; CACKOWSKIEJ, G.; GORZKOWSKIEJ, T.

Studies on the immunizing activity of a bivalent oral vaccine prepared from Koprowski's strains CHAT (type 1) and Fox (type 3). Przegl. epidem. 15 no.3:257-264 '61.

1. Z Zakladu Wirusologii PZH Kierownik: prof. dr F.Przesmycki. (POLIOMYELITIS immunol) (VACCINATION)

ANDRZEJEWSKI, J.; DOMZAL, T.; FUCHS, R.; LACINSKI, S.; NIEZGODA, T.; SWIETLIK, M.; SILKA, S.; STRANSKI, A.; ZELUDZIEWICZ, J.; TERAJEWICZ, A.

Amputations in hospitals of the Olszytn Region during the decade of 1950-1059. Chir. narz. ruchu ortop. polska 26 no.6:797-799 '61.

1. Z Oddzialow Chirurgicznych Szpitali w Olsztynie oraz Szpitali Powiatowych w Gizycku, Ketrzynie Nowym Miescie, Ostrodzie, Szczytnie. (AMPUTATION statist)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

KAMINEK, Zdenek, MUDr (Brandys n Lab., Riegrova 1251); FUCHS, Vladidir, MUDr (Praha II., Porici 22)

Poliomyelitis in pregnancy. Lek. listy, Brno 9 no.23:538-540

1 Dec 54.

1. Z gynekologicko-porodnicke kliniky VLA v Hradci Kralove. Z infekcmi kliniky VLA v Hradci Kralove. (PREGNAMOT, complications, polio.)

(POLIOMYELITIS, in pregnancy,)

EXCERPTA REDICA Sec. 10 Vol. 11/5 Obstet. & Gynaccol. May 58 728. FURTHER EXPERIENCES WITH THE TOXOPLASMIN-TEST IN OBSTET-RICS - Dalši zkušenosti s toxoplasminovým testem v porodnictvi - Fuchs V. III. Por. Klin. KU, Praha - CSL. GYNAEK. 1957, 7 (523-526) Tables 3 The past histories - general and obstetrical - of 750 women who were subjected to Frenkel's intradermal toxoplasmin test during the puerperium were studied. One third of the women were positive. The well-known increasing frequency of positivity with age, and the higher incidence of positivity in the rural population could be confirmed. A few theses which so far had only been stated but not proved, could be verified: a higher percentage of positivity in medical personnel, a higher incidence of abortions, premature and stillbirths, and malformations in positive women, especially in the last pregnancy, a predominance of cerebral malformations. The following new points are advanced: no correlation between toxo-positivity and rhfactor, no correlation between toxopositivity and trichomonas-vaginitis, a higher past morbidity from infectious disease in positive women, twice as many pathological pregnancies and operative deliveries in positive women as compared with negative, no difference in the duration of the first and second stages of labour. The author concludes that latent toxoplasmosis of the mother may influence the pregnancy and, especially, the child. Rohan - Valasské Mezifiči (X, L)

CERNY, Ludek; FUCHS, Vladimir; JIRA, J.J.; BOZDECH, V.

Congenital damages of the central nervous system in children related to latent toxoplasmosis in mothers. Cesk.psychiat. 56 no.2:85-94 Ap 160.

1. Detske oddeleni psychiatricke kliniky KU v Praze. Detska psychiatricka ambulance fakultni polikliniky v Praze. Katedra pro porodnictvi, gynekologii dospelych a deti pediatricke fakulty KU v Praze.

(TOXOPLASMOSIS in pregn.) (PREGNANCY compl.) (MENTAL DEFICIENCY etiol.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

CHMELIK, V., C.Se.; ZALOUDEK, M.; FUCHS, VI.; HRAZDIL, K.

Surgical therapy of the cervix uteri in discharges. Cesk. gym.

26[40] no.4:271-274 '61.

(CERVICITIS surg) (LEUKORRHEA surg)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

خر

FUCHS, Vladimir; JIROVEC, Otto; JIRA, Jindrich; BOZDECH, Vaclav; Matematicko-statisticka spoluprace: prom. mat. V. Kubenkova

Diagnostic toxoplasmosis reactions in normal obstetric subjects. I. Frequency of toxoplasmin test and its relation to the age and occupation and the relationship between skin tests and complement fixation reactions. Cas.lek.cesk 100 no.26:823-826 30 Je '61.

1. III. porodnicka klinika fakulty detskeho lekarstvi Karlovy university, prednosta prof. MUDr. R. Peter. Protozoologicka laborator Cs. akademie ved, prednosta akademik O. Jirovec. Serologicka laborator neurologicke kliniky St. fakultni nemocnice v Praze 2, prednosta akademik K. Henner. 2. Vyzkumny ustav organizace zdravotnictvi, Praha. (for Kubenkova).

(TOXOPLASMOSIS in pregn) (PREGNANCY compl)

TRNKA, V., doc., CSc.; FUCHS, V1.; SISTEK, J.

Estrogens and carcinoma of the endometrium. Cesk. gynek. 27 no.3: 168-172 Ap 162.

1. Gyn. por. klin. fak. det. lek. KU v Praze, prednosta prof. MUDr. R. Peter.

(UTERUS NEOPLASMS etiol) (ESTROGENS toxicol)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"

resonant and the second second

FUCHS, Vladimir; JIROVEC, Otto; BOZDECH, Vaclav; JIRA, Jindrich; Matematickostatisticka spoluprace: prom. mat. KUBENKOVA, V.

Diagnostic reaction for toxoplasmosis in a normal sampling of the population. II. Diagnostic reaction and pathological phenomena in pregnancy and labor in relation to a positive reaction. Cas. Lek. Cesk. 101 no.14:427-434 6 Ap '62.

1. III porodnicka klinika fakulty detskeho lekarstvi KU v Praze, prednosta prof. dr. R. Peter. Protozoologicka laborator Cs. akademie ved, prednosta akademik O Jirovec. Serologicka laborator neurologicke kliniky KU v Praze 2, prednosta akademik K. Henner. Vyzkumny ustav organizace zdravotnictvi, Praha, prednosta prof. dr. V. Prosek.

(PREGNANCY complications) (TOXOPLASMOSIS in pregn)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820015-6"